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PRODUCT SAFETY INFORMATION SHEET

Created on 28 January 2019

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Version: 03.2022

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name:	KILLERBLACK – EXTRA LIGHT SHADING
Product type:	Mixture for use in tattoos or permanent make-up
REACH registration number:	Unnecessary

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Uses identified as pertinent:

Mixture for use in tattoos or permanent make-up.

Ink to be used for the execution of tattoos.

Professional use by qualified personnel, in possession of the requisites required by the laws in force, in suitable environments and in compliance with the most stringent hygiene and health regulations.

1.2.2 Uses advised against:

The product should NOT be used in the eye area.

Uses other than those identified as relevant.

Other information on how to use the product is available in section 16 of this document.

1.3 Details of the supplier of the safety data sheet

ABC INK S.R.L.
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1.4 Emergency telephone number

AUSTRIA:

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FRANCE:

BPR helpdesk:

ANSES – Agence nationale de sécurité sanitaire de l'alimentation, de l'environnement
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ITALY:

BPR helpdesk:

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REACH helpdesk:

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Ministry of Sustainable Development and Tourism, Nature and Environmental
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POLAND:

BPR helpdesk:

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REACH, CLP, BPR helpdesk:

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REACH and CLP helpdesk:

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Directorate General of Environmental Management
Department of Chemicals Management
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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

This product does not meet the classification criteria in any hazard class in accordance with Regulation (EC) No. 1272/2008 relating to the classification, labeling and packaging of substances and mixtures. However, this product safety information sheet was created on a voluntary basis.

2.2 Label elements

Hazard pictograms:	--
Warnings:	Contains nickel. Can cause allergic reactions.
Hazard statements:	--
Precautionary advice:	If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use. Obtain the instructions before use. Do not handle before reading and understanding all warnings. Keep away from heat. Keep container tightly closed. Keep only in original container. Keep cool. Protect from sunlight.



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Store in a dry place.

Do not eat, drink or smoke when using this product.

Avoid release to the environment.

Get medical advice/attention if you feel unwell.

More information can be found in section 7.

2.3 Other hazards

Based on the available data, the product does not contain PBT (Persistent, Bioaccumulative and Toxic) or vPvB (very Persistent and very Bioaccumulative) substances in a percentage greater than 0.1%.

SECTION 3: Composition/information on ingredients

3.2 Substances

Not applicable.

3.2 Mixtures

The product does not contain substances classified as dangerous for health or for the environment pursuant to the provisions of Regulation (EU) 1272/2008 (CLP) (and subsequent amendments and adjustments) in quantities that require a declaration.

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes:

It is highly unlikely that there will be a reaction requiring help. If so, contact a physician or poison control center and show this safety information sheet.

If inhaled:

Unlikely event as the product has a high concentration of non-volatiles. If irritation or other symptoms occur, go to the fresh air. Consult a doctor if irritation persists.

In contact with the skin:

Contact is necessary for the function of the product.

In case of accidental contact, wash thoroughly with soap and water. Take off contaminated clothes and wash them before wearing them again. In case of skin irritation contact a doctor.

In contact with the eyes:

Rinse thoroughly for 15 minutes under running water with the eyelids open. Remove any contact lenses. If in doubt, consult a physician or poison control center and show this safety information sheet.

If ingested:

If the person is conscious, rinse the mouth and drink plenty of water. Do not administer anything by mouth if the subject is unconscious and if not authorized by a doctor. If in doubt, consult a physician or poison control center and show this safety information sheet. Induce vomiting only on medical advice. In case of vomiting, keep your head down to avoid suffocation.

Self-protection of the first responder:

The use of personal protective equipment is recommended to safeguard hygiene and



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safety.

4.2 Most important symptoms and effects, both acute and delayed

No symptoms and dangerous effects known.

4.3 Indication of any immediate medical attention and special treatment needed

No special recommendations. It is advisable, if necessary, to show this safety information sheet to the Doctor.

SECTION 5: Firefighting measures

The product is not combustible except in extreme conditions and after complete evaporation of the water contained.

5.1 Extinguishing media

Suitable extinguishing media: Water spray, dry powder, foam, carbon dioxide (CO₂).
Unsuitable extinguishing media: Direct water jets.

5.2 Special hazards arising from the substance or mixture

Possible development of toxic fumes. Avoid breathing combustion products.

5.3 Advice for firefighters

Do not enter the fire area without adequate protection, use self-breathing and personal protective equipment. It is advisable to have this safety information sheet be viewed by the operators. There are no further recommendations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For those who do not intervene directly:

Use personal protective equipment to prevent contamination of skin, eyes and personal clothing, more information in section 8.

Remove sources of ignition and heat, provide adequate ventilation.

For those who intervene directly:

Use personal protective equipment to prevent contamination of skin, eyes and personal clothing, more information in section 8.

Remove sources of ignition and heat, provide adequate ventilation.

6.2 Environmental precautions

Do not disperse in the environment. Keep the pure product away from drains, surface water and groundwater. Prevent the product from entering the water and sewer systems. Should significant quantities of product be dispersed, notify the competent local authorities immediately.

6.3 Methods and material for containment and cleaning up

Dry with absorbent material (eg cloth), wash thoroughly with water and detergent, rinse. Avoid spilling into the sewer. Dispose of the material used for containment and any residues in an authorized center.

6.4 Reference to other sections

Sections 8 and 13 of this safety information sheet.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Keep away from sources of light and heat. Shake the bottle before each use. Close immediately after use, keep the product uncontaminated. Indicate, on the bottle or in a special register, the date of first opening of the product. Check that the product has not expired (based on the expiration date shown on the product label) and that it has not been opened for more than 6 (six) months. Do not mix the product with inks of other brands or with incompatible substances and mixtures. Do not eat, drink or smoke during use. For reasons of hygiene and respect for the end customer, use disposable and sterile materials, in compliance with the most stringent hygiene and health standards.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in the original bottle. Keep uncontaminated, close immediately after use. Keep well capped in a cool and dry place away from strong sources of light and heat, especially direct ones. Optimal temperatures for stability from + 5 ° C to + 30 ° C, avoid freezing. Periodically check the expiry date indicated on the label, do not use after this date. Do not mix or contaminate with incompatible chemicals. Keep only in the original container.

7.3 Specific end use(s)

Mixture for tattoos for professional use only by qualified personnel, in possession of the requisites required by the laws in force, in suitable environments and in compliance with the most stringent hygiene and health regulations.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No further information available.

8.2 Exposure controls

Direct contact with the product is necessary for its function (see section 1.2 on uses identified as relevant). The following protective measures are designed to minimize any risks.

8.2.1 Appropriate technical checks

Ensure adequate and sufficient ventilation. Follow the handling and storage instructions in section 7 of this document.

8.2.2 Individual protection measures, such as personal protective equipment

Personal Protective Equipment Symbols:



a) **Eye / face protection:**

Use suitable protective goggles to prevent splashes of product from coming into contact with the eyes.

b) **Skin / body protection (hand protection):**

Not required, contact is necessary for the function of the product.

The operator, for hygienic and health reasons, must use suitable disposable gloves,

disposable gowns (suitable protective clothing) and any other personal protective equipment and precautions necessary to ensure the hygiene and safety of the subject undergoing treatment.

c) Respiratory protection:

Ensure sufficient aeration and ventilation. The operator, for hygienic and health reasons, must use a special disposable mask.

d) Thermal hazards:

No further information available.

8.2.3 Environmental exposure controls

Do not disperse in the environment. You can refer to what is reported in section 6 of this document.

SECTION 9: Physical and chemical properties

Mixture of pigments in water, stabilizing and wetting additives. The product kept in the original sealed container is chemically and microbiologically stable.

9.1 Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Black
Odor:	Characteristic
Melting point / freezing point:	--
Initial boiling point:	--
Flammability:	--
Upper / lower explosion limits:	--
Upper / lower flammability limits:	--
Flash point:	> 80 ° C
Auto-ignition temperature:	--
Decomposition temperature:	--
pH:	7.5 - 8.5
Kinematic viscosity:	--
Solubility:	Liquid soluble in water. Insoluble pigments.
Partition coefficient: n-octanol / water:	--
Vapor pressure:	--
Relative density:	--
Relative vapor density:	--
Boiling range:	--
Evaporation rate:	--
Explosive properties:	Product not explosive
Oxidizing properties:	--

9.2 Other information

No further information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

The product is not reactive under normal conditions of use, storage and transport. No dangerous reaction is expected if the requirements / indications for storage and handling (section 7 of this safety information sheet) are observed. Do not mix with products of other brands and products with relevant identified uses other than those described in this sheet.



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10.2 Chemical stability

No dangerous reactions known if the requirements / indications for storage and handling (section 7 of this safety information sheet) are observed. Do not mix with products of other brands and products with relevant identified uses other than those described in this sheet.

10.3 Possibility of hazardous reactions

No dangerous reactions known or expected if handled and stored according to requirements.

10.4 Conditions to avoid

See section 7.2 of this safety information sheet.

10.5 Incompatible materials

Strong oxidants such as concentrated nitric acid, potassium dichromate in acid solution, hydrogen peroxide at concentrations greater than 30% and the like.

10.6 Hazardous decomposition products

No dangerous decomposition products expected if the requirements for storage and handling as indicated in this sheet are respected.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity:	--
Skin corrosion / skin irritation:	--
Serious eye damage / eye irritation:	--
Respiratory or skin sensitization:	--
Germ cell mutagenicity:	--
Carcinogenicity:	--
Reproductive toxicity:	--
Specific target organ toxicity (STOT) - single exposure:	--
Specific target organ toxicity (STOT) - repeated exposure:	--
Aspiration hazard:	--

The safety margin of the product is very high, so if used correctly, no particular reactions are to be expected beyond the trauma of the tattoo.

11.2 Information on other hazards

No further information available.

SECTION 12: Ecological information

12.1 Toxicity

No environmental hazards are expected from the product.

Glycerin:

- CL50 pesci 1: 54000 mg/l (96 h, salmo gairdneri/oncorhynchus mykiss);
- CL50 altri organismi acquatici 1: > 1000 mg/l (96 h);
- CE50 altri organismi acquatici 1: > 1000 mg/l (bacteria fango attivo);
- CL50 pesci 2: > 1000 mg/l (96 h, PISCES);
- CE50 Daphnia 2: > 10000 mg/l (24 h, daphnia magna movimento);

TLM pesci 1: > 1000 ppm (96 h, PISCES);
TLM altri organismi acquatici 1: > 1000 ppm (96 h);
Soglia di tossicità di altri organismi acquatici 1: 2900 mg/l (192 h, MICROCYSTIS AERUGINOSA, PROVA DI TOSSICITÀ)
Soglia di tossicità di altri organismi acquatici 2: > 10000 mg/l (16 h, PSEUDOMONAS PUTIDA, PROVA DI TOSSICITÀ)
Soglia di tossicità alghe 1: > 10000 mg/l (168 h, SCENEDESMUS QUADRICAUDA, PROVA DI TOSSICITÀ).
LC50 - Pesci > 100 mg/l/96h Trout - Oncorhynchus mykiss
EC50 - Alghe / Piante Acquatiche > 3000 mg/l/72h Algae

12.2 Persistence and degradability

No data available on the product.

Glycerin:

Domanda biochimica di ossigeno BOD --> 0,87 g O₂/g materia
Domanda chimica di ossigeno (COD) --> 1,16 g O₂/g materia (ISO 15705)
ThOD: 1,217 g O₂/g materia;
DBO (ThOD): 71% ThOD.
Rapidamente degradabile.

Polietilenglicole:

Solubilità in acqua: >10000 mg/l

12.3 Bioaccumulative potential

Not expected for the product. Significant bioaccumulation is unlikely due to the general insolubility of the solid components. An accumulation of the water-soluble components is unlikely.

Glycerin:

Log Pow: -1.76/2.6

Polietilenglicole:

Coefficiente di ripartizione: n-ottanolo/acqua: -2,2972
BCF: 3,2

12.4 Mobility in soil

The liquid phase of the product is soluble in water, the solid phase is insoluble and settles in static systems.

Glycerin:

Tensione superficiale: 0,063 N/m (20°C)
Ecologia e suolo: dati sulla biodegradabilità non disponibili.

Polietilenglicole:

Coefficiente di ripartizione: suolo/acqua: 1

12.5 Results of PBT and vPvB assessment

According to Annex XIII of Regulation (EC) N. 1907/2006 concerning the registration, authorization and restriction of chemicals (REACH): the product does not contain substances that meet the PBT criteria (Persistent Bioaccumulative Toxic) or the vPvB criteria (very persistent, very bioaccumulative).

12.6 Endocrine disrupting properties

No further information available.



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12.7 Other adverse effects

Not known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of the pure product as special waste, according to local and national regulations. Avoid disposal in the sewer system. Follow the directions for recycling in your municipality. Do not reuse empty containers.

Although all the components of the mixture are biodegradable or inert to the environment, care must be taken to dispose of containers and any product residues in accordance with applicable local, national and supranational regulations.

SECTION 14: Transport information

In accordance with: ADR / IMDG / IATA / ADN / RID

14.1 UN number or ID number

Not regulated as a dangerous product.

14.2 UN proper shipping name

Not regulated as a dangerous product.

14.3 Transport hazard class(es)

Not regulated as a dangerous product.

14.4 Packing group

Not regulated as a dangerous product.

14.5 Environmental hazards

Not regulated as a dangerous product.

14.6 Special precautions for user

Ground transportation:	--
Sea transport:	--
Airplane transport:	--
River transport:	--
Rail transport:	--

14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) 1907/2006 (REACH) of the European Parliament and of the Council of 18 December 2006 and all amendments and modifications.



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Commission Regulation (EU) 2020/2081 of 14 December 2020 amending Annex XVII of Regulation (EC) no. 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) as regards the substances contained in inks for tattoos or permanent make-up.

Regulation (EC) n. 1272/2008 (CLP) of the European Parliament and of the Council of 16 December 2008 and all amendments and modifications.

ResAp(2008)1: the resolution of the Council of Europe on the requirements and criteria for the safety of tattoos and permanent make-up and references contained therein.

15.2 Chemical safety assessment

The safety margin of the product is very high, so if used correctly, no particular reactions are to be expected beyond the trauma of the tattoo. Considering that this product is not dangerous, no chemical safety assessment has been carried out for this mixture by the supplier.

SECTION 16: Other information

16.1 Method of use

Professional use.
Shake the bottle well before use.
Compliance with the most stringent hygiene and health regulations is recommended when using the product.
Do not operate on damaged skin.
Thoroughly clean the area to be treated.
For subjects predisposed to reactions of intolerance it is advisable to prevent allergy tests.
Do not use if yes.
Do not apply to irritated or inflamed skin.

16.2 Information on the mixture

Contains Nickel. It can cause allergic reactions.
Carry out a preventive allergy test.
Consult your doctor before proceeding with treatments on subjects positive for allergies.

16.3 Operators

Product intended for use exclusively by personnel with the necessary qualifications required by local and national regulations for the execution of tattoo and semi-permanent make-up treatments.
The treatments must take place at suitable facilities, in compliance with local and national regulations.
Before using, it is necessary to provide the person undergoing the tattoo with the information on the packaging as well as that contained in this product safety information sheet.

16.4 Information on the label

Product name.
Mixture for use in tattoos
Batch of the gamma-ray treatment process for achieving sterility.
Unique reference number for the identification of the lot [LOT].
Optimal temperature for stability.
Expiry date of the product.
List of ingredients in INCI nomenclature.



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“Contains Nickel. It can cause allergic reactions”.
Instructions for Use.
Validity after opening the product.
Bottle capacity.
Information for disposal.
Manufacturer's data.
Name of the Marketing Manager.

16.5 Abbreviations and acronyms

CAV	Poison Control Center
PBT	Persistent, bioaccumulative and toxic substance
vPvB	Very persistent and very bioaccumulative
CL50	Lethal Concentration 50%
DL50	Median lethal dose resulting in the death of 50% of individuals tested
TLM	Median tolerance limit
BOD	Biochemical oxygen demand
COD	Chemical oxygen demand
ThOD	Theoretical oxygen demand
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG	International Maritime Code of Dangerous Goods
IATA	International Air Transport Association
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
RID	Regulations on the international carriage of dangerous goods by rail

This factsheet was created on a voluntary basis.
A safety data sheet is not required for this product.

Safety Information Sheet translated into English.

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